WD RE4

Enterprise SATA Hard Drives

Outside of the boardroom it's all the power you need

Massive 2 TB capacity

High performance technology

24x7 reliability

WD RE4 drives combine 64 MB cache with SATA 3 Gb/s transfer rate and dual stage actuation for lightning-fast performance in demanding server and storage applications.

PUT YOUR LIFE ON IT®

WD RE4

Enterprise SATA Hard Drives

Product Features

Massive capacity
WD RE4 Enterprise SATA drives are available with up to 2 TB of cavernous capacity.

Dual processor
With double the processing power, WD RE4 boasts the highest performance of any drive in the RE family.

RAFF™
Enhanced RAFF technology includes sophisticated electronics to monitor the drive and correct both linear and rotational vibration in real time. The result is a significant performance improvement in high vibration environments over the previous generation of drives.

Dual actuator technology
A head positioning system with two actuators that improves positional accuracy over the data track(s). The primary actuator provides coarse displacement using conventional electromagnetic actuator principles. The secondary actuator uses piezoelectric motion to fine tune the head positioning to a higher degree of accuracy.

StableTrac™
The motor shaft is secured at both ends to reduce system-induced vibration and stabilize platters for accurate tracking during read and write operations.

IntelliSeek™
Calculates optimum seek speeds to lower power consumption, noise, and vibration.

Multi-axis shock sensor
Automatically detects the subtlest shock events and compensates to protect the data.

RAID-specific, time-limited error recovery (TLER)
Prevents drive fallout caused by the extended hard drive error-recovery processes common to desktop drives.

NoTouch™ ramp load technology
The recording head never touches the disk media ensuring significantly less wear to the recording head and media as well as better drive protection in transit.

Thermal extended burn-in test
Each drive is put through extended burn-in testing with thermal cycling to ensure reliable operation.

Third generation dynamic fly height
Each read-write head's fly height is adjusted in real time for optimum reliability.

Product Specifications

INTERFACE
SATA 3 Gb/s

FORM FACTOR
3.5-inch

SPIN SPEED
7200 RPM

CACHE
64 MB

MODELS
WD2003FYYS
WD1503FYYS

CAPACITIES
2 TB
1.5 TB

LIMITED WARRANTY
5 years

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As used for storage capacity, one megabyte (MB) = one million bytes, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, and gigabit per second (Gb/s) = one billion bits per second.

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